

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

001


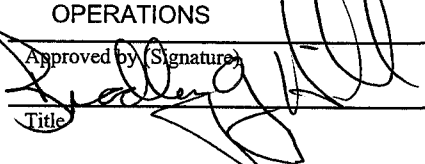
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		7. If Unit or CA Agreement, Name and No. WHITE RIVER	
2. Name of Operator SHENANDOAH ENERGY INC.		Contact: JOHN BUSCH E-Mail: jbusch@shenandoahenergy.com	
3a. Address 11002 E. 17500 S. VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NESW 2023FSL 2113FWL At proposed prod. zone		10. Field and Pool, or Exploratory WHITE RIVER	
14. Distance in miles and direction from nearest town or post office* 10 +/- MILES SOUTHWEST OF REDWASH, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area Sec 4 T8S R22E Mer SLB	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2023' +/-		12. County or Parish UINTAH	
16. No. of Acres in Lease 907.83		13. State UT	
17. Spacing Unit dedicated to this well 40.00		18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1000' +/-	
19. Proposed Depth 8250 MD 8250 TVD		20. BLM/BIA Bond No. on file UT-1237	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5206 KB		22. Approximate date work will start	
		23. Estimated duration 10 DAYS	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

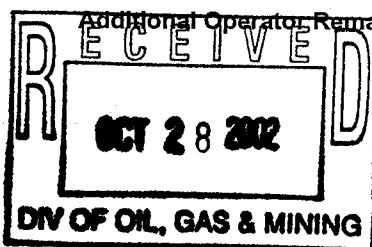
- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) JOHN BUSCH	Date 10/24/2002
Title OPERATIONS	<b>Federal Approval of this Action is Necessary</b>	
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 10-29-02
Title Officer	ENVIRONMENTAL SCIENTIST III	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)



Electronic Submission #14924 verified by the BLM Well Information System  
For SHENANDOAH ENERGY INC., sent to the Vernal

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

**T8S, R22E, S.L.B.&M.**

**SHENANDOAH ENERGY, INC.**

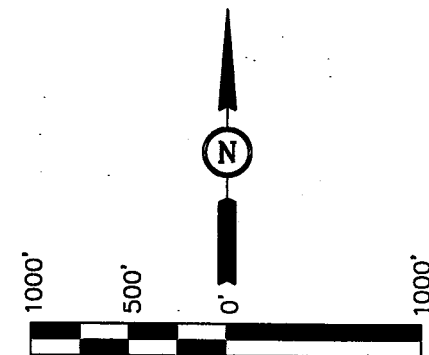
Well location, OU GB #11-4-8-22, located as shown in the NE 1/4 SW 1/4 of Section 4, T8S, R22E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 25, T8S, R21E, S.L.B.&M. TAKEN FROM THE RED WASH SW QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4731 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-27-02	DATE DRAWN: 10-03-02
PARTY D.A. J.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SHENANDOAH ENERGY, INC.	

2" Bent Pipe  
Buried 1.0' Deep,  
Cap Missing

N89°57'02"E - 2642.89' (Meas.)

WEST - 40.00 (G.L.O.) **T7S**

**T8S**

1938 Brass Cap  
1.6' High

S89°59'48"E 339.55' (Meas.)

CC 1938 Brass Cap  
0.6' High, Mound  
of Stones

LOT 3

LOT 2

LOT 1

(10.26)

LOT 4

LOT 5

LOT 6

LOT 7

LOT 8

(20.00)

LOT 9

(20.00)

(20.00)

(40.00)

S00°14'W - 90.26 (G.L.O.)

1938 Brass Cap  
0.7' High

S00°01'15"E 175.72' (Meas.)

1938 Brass Cap  
0.8' High

4

**OU GB #11W-4-8-22**  
Elev. Ungraded Ground = 5196'

2113'

LOT 10

2023'

LOT 11

Brass  
Cap

Brass Cap

S89°57'33"W - 2974.55' (Meas.)

WEST - 40.00 (G.L.O.)

N01°55'07"W 176.13' (Meas.)

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 40°08'59.84" (40.149956)

LONGITUDE = 109°26'53.28" (109.448133)

SHENANDOAH ENERGY INC.  
OU GB 11W-4-8-22

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<b>Formation</b>	<b>Depth</b>
Uinta	Surface
Green River	2964
Mahogany Ledge	3989
Mesa	6549
TD (Wasatch)	8250

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<b>Substance</b>	<b>Formation</b>	<b>Depth</b>
Oil/Gas	Wasatch	8250

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 3300.0 psi.

**SHENANDOAH ENERGY INC.  
OVER AND UNDER GLEN BENCH 11W-4-8-22  
2023' FSL, 2113' FWL  
NESW, SECTION 4, T8S, R22E  
UINTAH COUNTY, UTAH  
LEASE # UTU-02510-A**

**ONSHORE ORDER NO. 1**

**MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the OU GB 11W-4-8-22 on October 22, 2002 at approximately 2:30 PM. Weather conditions were mostly cloudy with a light sprinkle at the time of the onsite. In attendance at the inspection were the following individuals:

Byron Tolman	Bureau of Land Management
Dixie Sadlier	Bureau of Land Management
Stephanie Howard	Bureau of Land Management
Jan Nelson	Shenandoah Energy Inc.
Raleen Searle	Shenandoah Energy Inc.

**1. Existing Roads:**

The proposed well site is approximately 10 miles southwest of Red Wash, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

**2. Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

**3. Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

**5. Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**6. Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

7. **Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required.

10. **Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

Seed mix # 4.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(435) 781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

There is a Burrowing Owl Stipulation from April 1st - August 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

**Lessee's or Operator's Representative:**

John Busch  
Red Wash Operations Rep.  
Shenandoah Energy Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4341

**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Shenandoah Energy Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch  
John Busch  
Red Wash Operations Representative

24-Oct-02  
Date

**Additional Operator Remarks:**

Shenandoah Energy Inc. proposes to drill a well to 8250' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. UT-1237. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

# SHENANDOAH ENERGY, INC.

**OU GB #11W-4-8-22**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 4, T8S, R22E, S.L.B.&M.

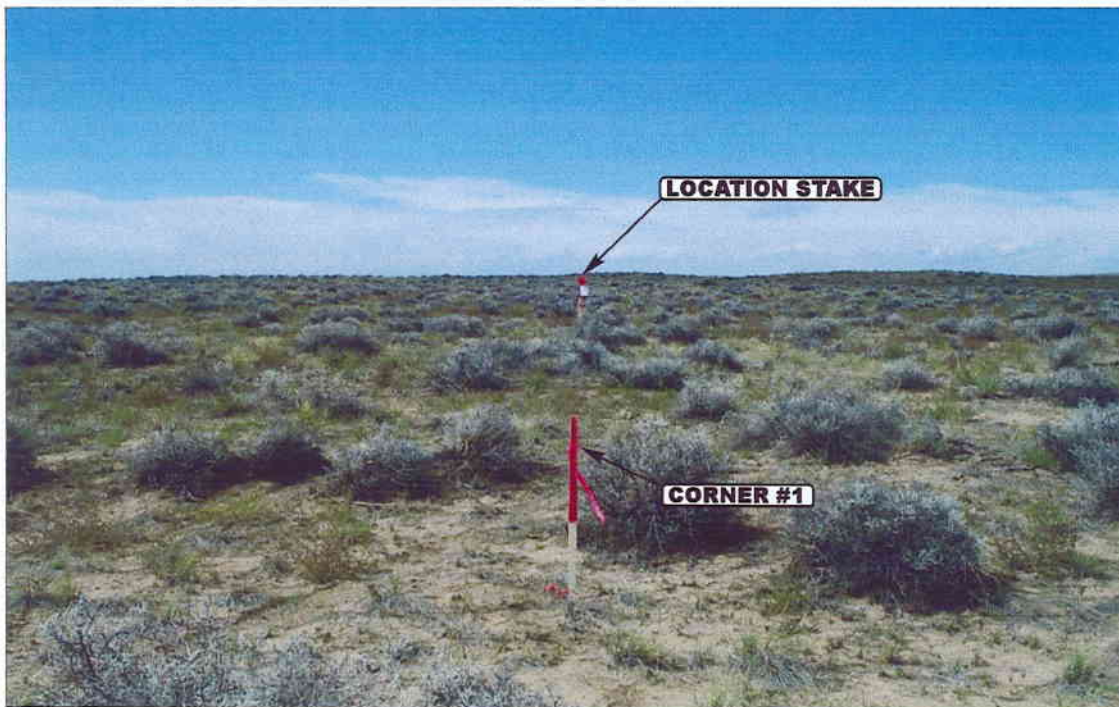


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

**U E L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**10** **4** **02**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: D.A. | DRAWN BY: P.M. | REVISED: 00-00-00

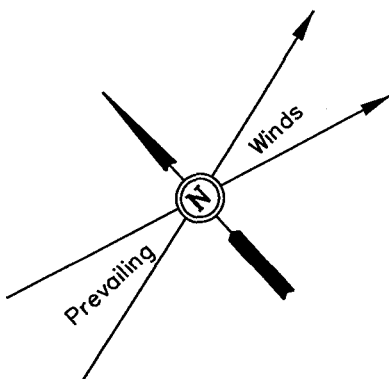


# SHENANDOAH ENERGY, INC.

## LOCATION LAYOUT FOR

OU GB #11W-4-8-22  
SECTION 4, T8S, R22E, S.L.B.&M.  
2023' FSL 2113' FWL

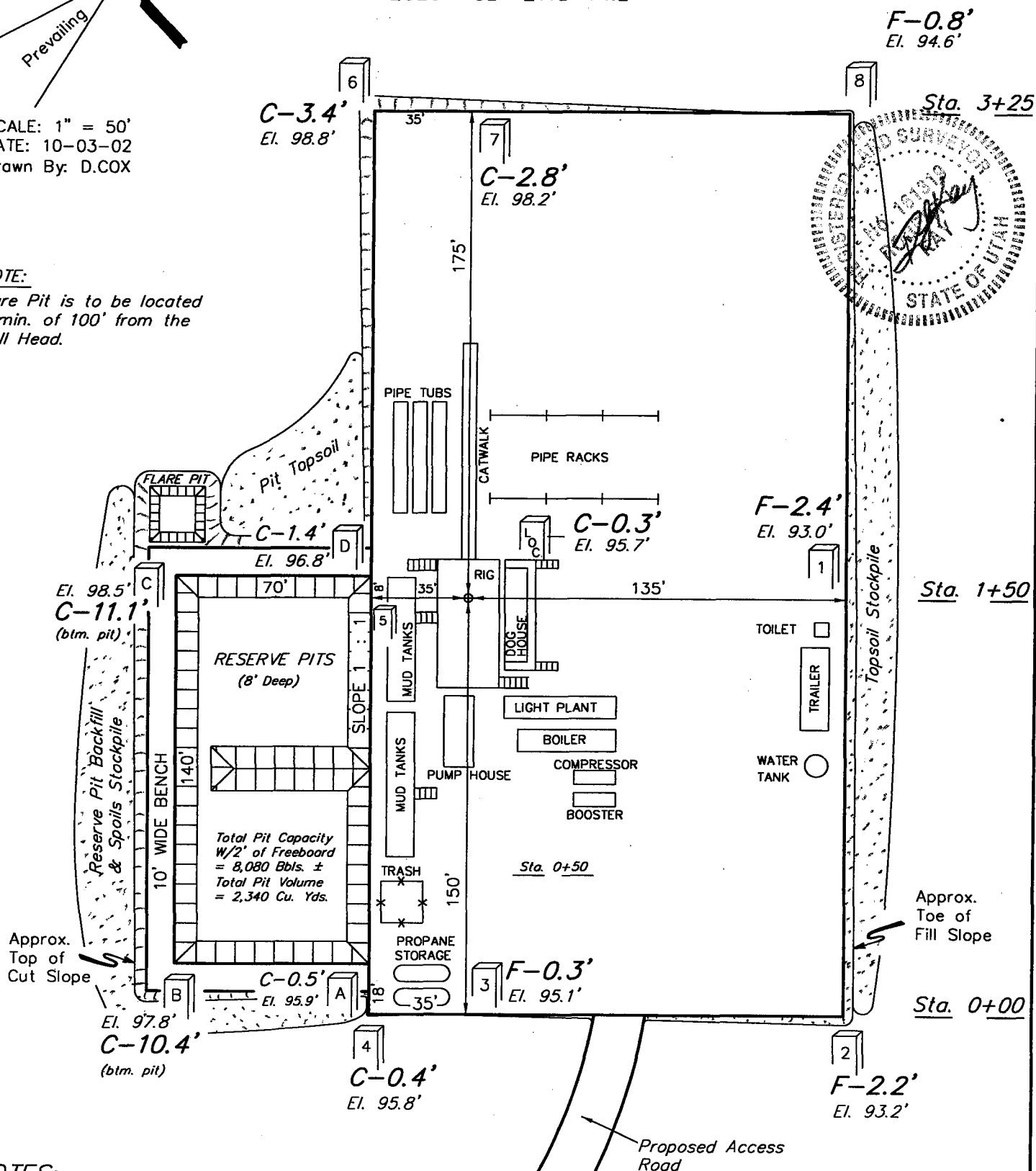
FIGURE #1



SCALE: 1" = 50'  
DATE: 10-03-02  
Drawn By: D.COX

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5195.7'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5195.4'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

# SHENANDOAH ENERGY, INC.

## TYPICAL CROSS SECTIONS FOR

OU GB #11W-4-8-22

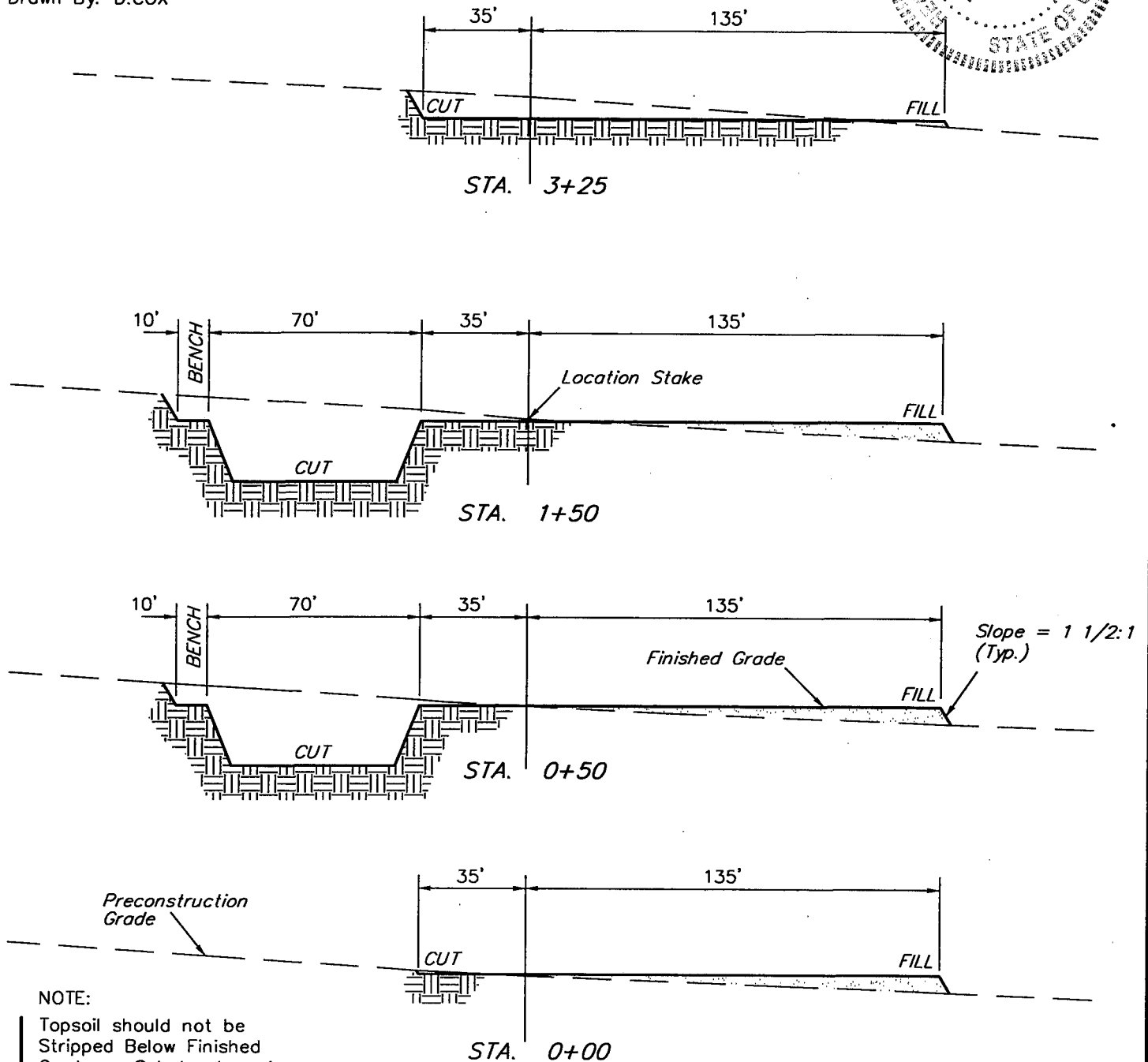
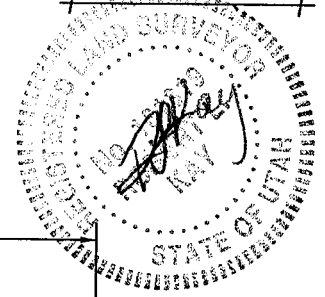
SECTION 4, T8S, R22E, S.L.B.&M.

2023' FSL 2113' FWL

FIGURE #2

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 10-03-02  
Drawn By: D.COX



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

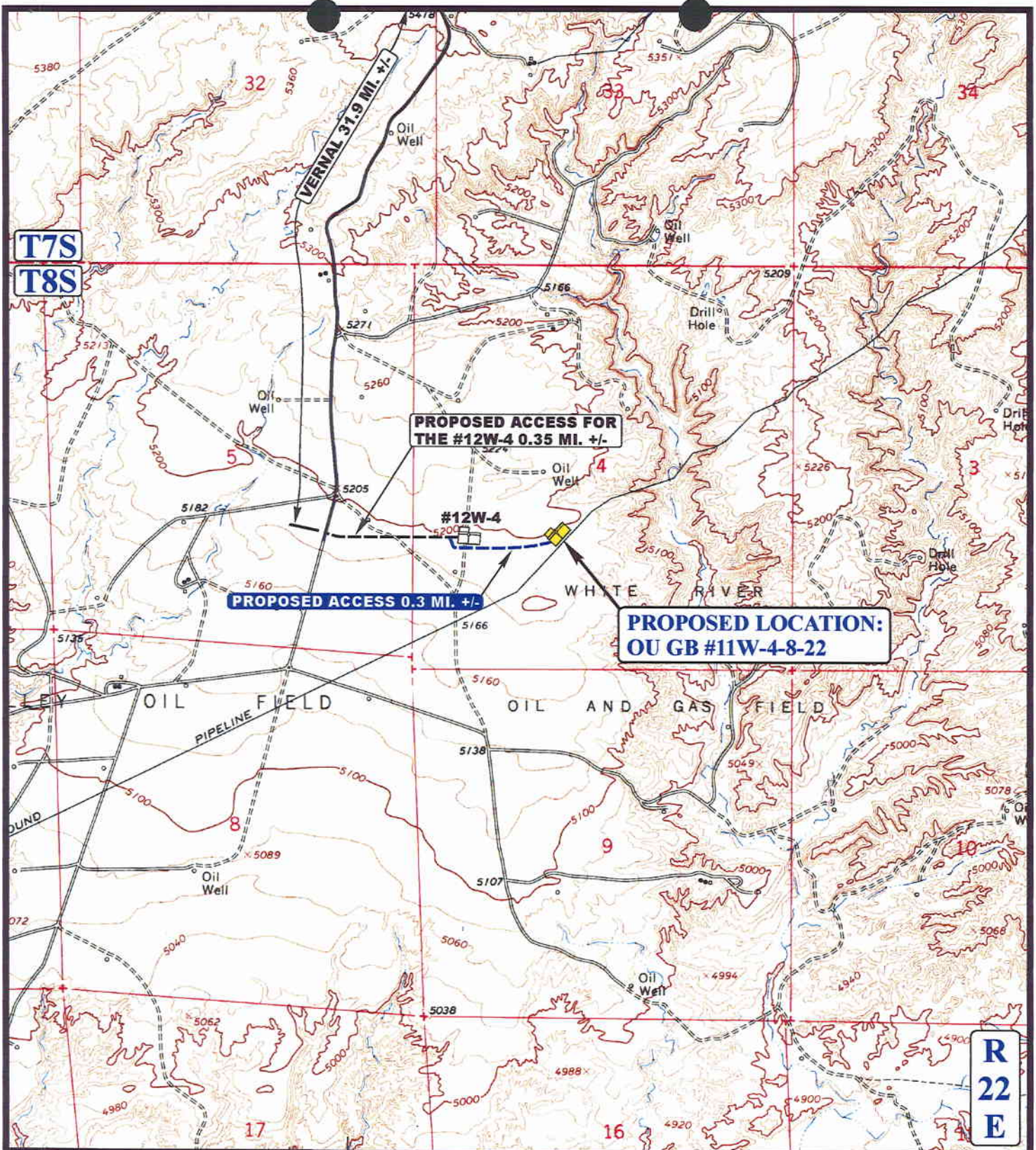
CUT  
(6") Topsoil Stripping = 1,260 Cu. Yds.  
Remaining Location = 3,710 Cu. Yds.  
TOTAL CUT = 4,970 CU.YDS.  
FILL = 2,080 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION = 2,780 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 2,430 Cu. Yds.  
EXCESS UNBALANCE = 350 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017







# LEGEND:

EXISTING ROAD  
 PROPOSED ACCESS ROAD



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



## SHENANDOAH ENERGY, INC.

**OU GB #11W-4-8-22**  
**SECTION 4, T8S, R22E, S.L.B.&M.**  
**2023' FSL 2113' FWL**

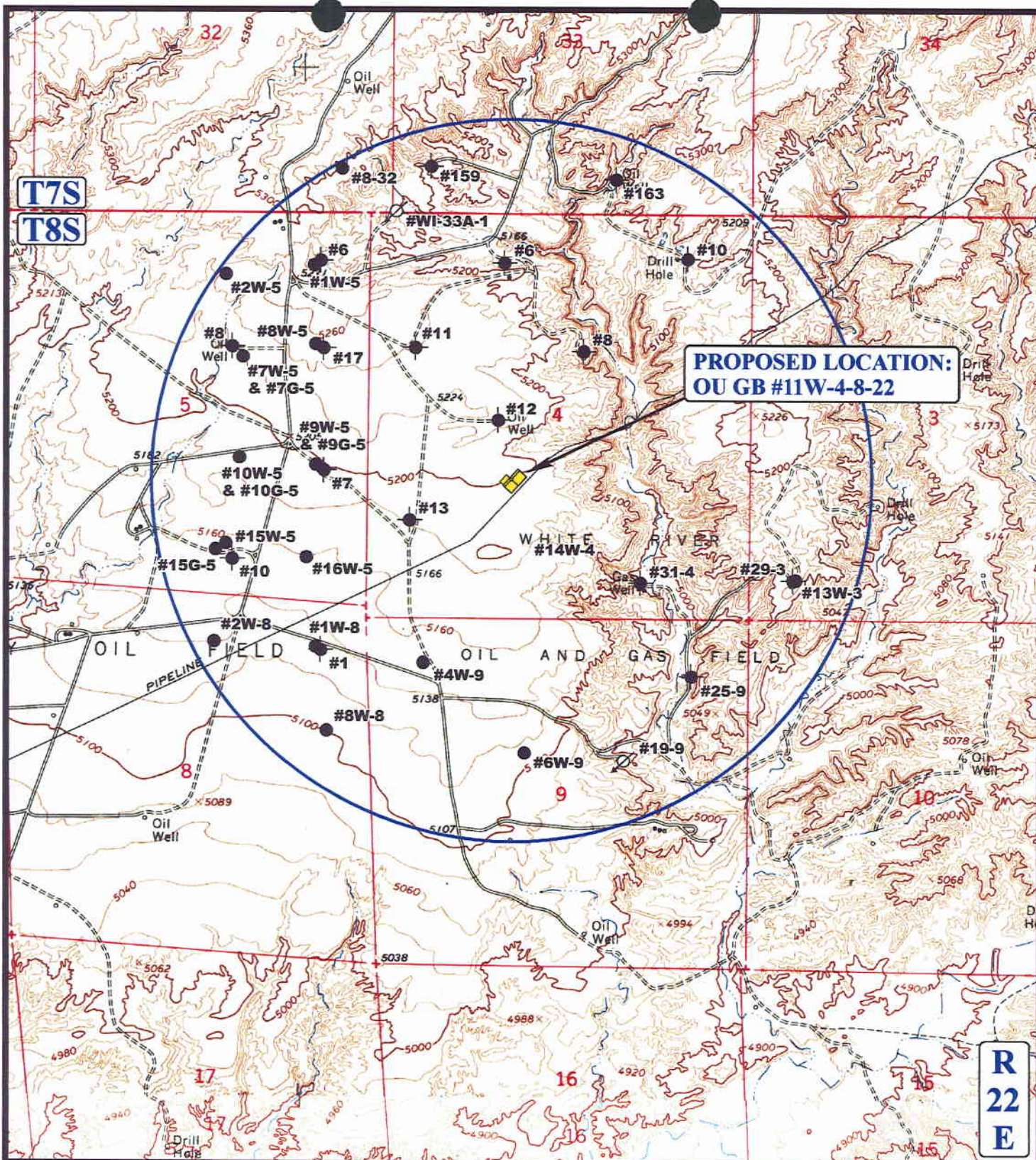
**TOPOGRAPHIC**  
**MAP**

**10** **4** **02**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**B**  
 TOPO





# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



## SHENANDOAH ENERGY, INC.

**OU GB #11W-4-8-22**  
**SECTION 4, T8S, R22E, S.L.B.&M.**  
**2023' FSL 2113' FWL**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

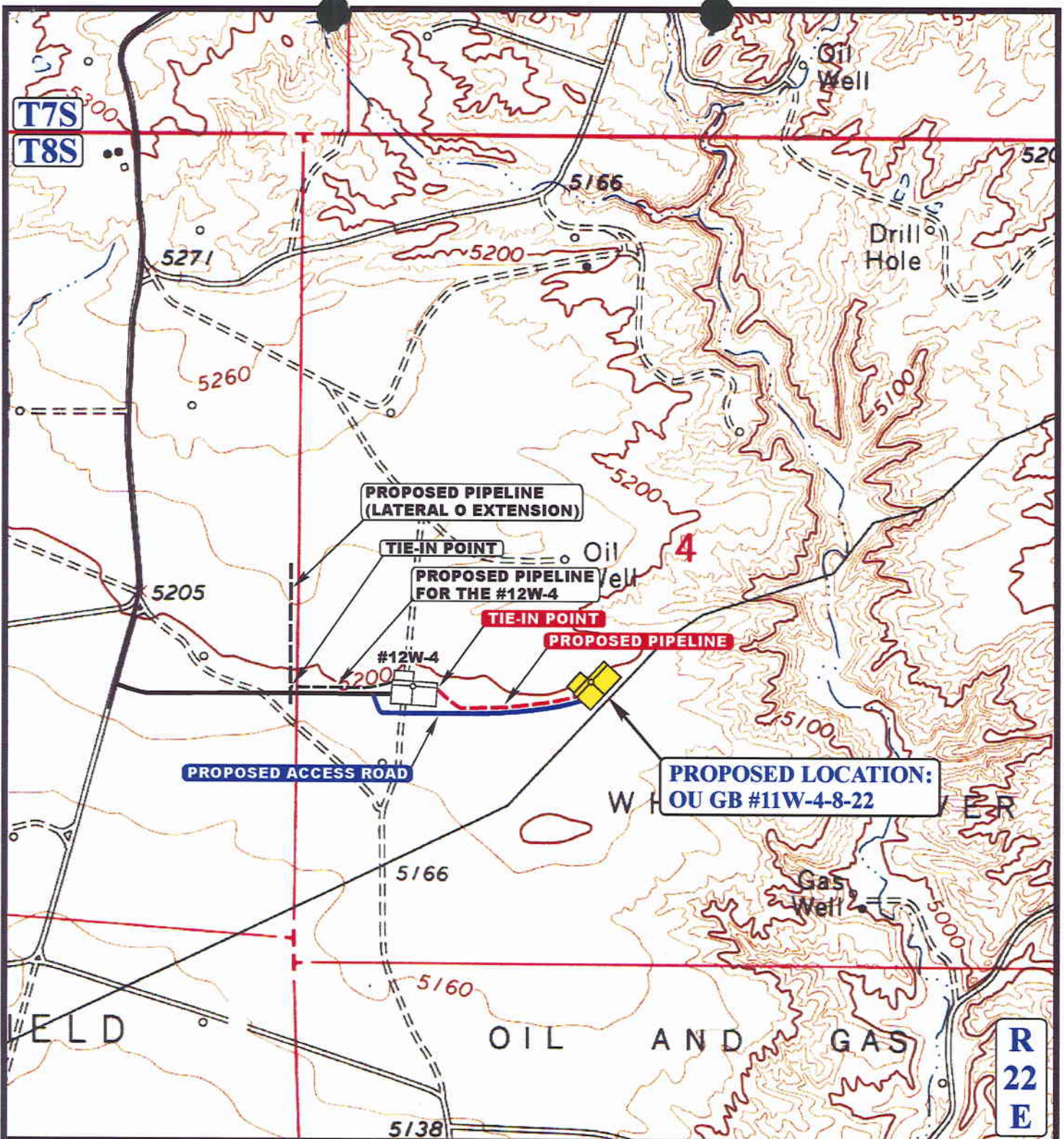
**TOPOGRAPHIC**  
**MAP**

<b>10</b>	<b>4</b>	<b>02</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000'    DRAWN BY: P.M.    REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,100' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

**SHENANDOAH ENERGY, INC.**

**OU GB #11W-4-8-22**  
**SECTION 4, T8S, R22E, S.L.B.&M.**  
**2023' FSL 2113' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP**  
 SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00

**D**  
**TOPO**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/28/2002

API NO. ASSIGNED: 43-047-34761

WELL NAME: OU GB 11W-4-8-22

OPERATOR: SHENANDOAH ENERGY INC ( N4235 )

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

## PROPOSED LOCATION:

NESW 04 080S 220E

SURFACE: 2023 FSL 2113 FWL

BOTTOM: 2023 FSL 2113 FWL

UINTAH

WHITE RIVER ( 705 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-02510-A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.14992

LONGITUDE: 109.44735

## RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT-1237 )
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit  
(No. 43-8496 )
- ☒ RDCC Review (Y/N)  
(Date: )
- ☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

R649-2-3.

Unit WHITE RIVER ☒

☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

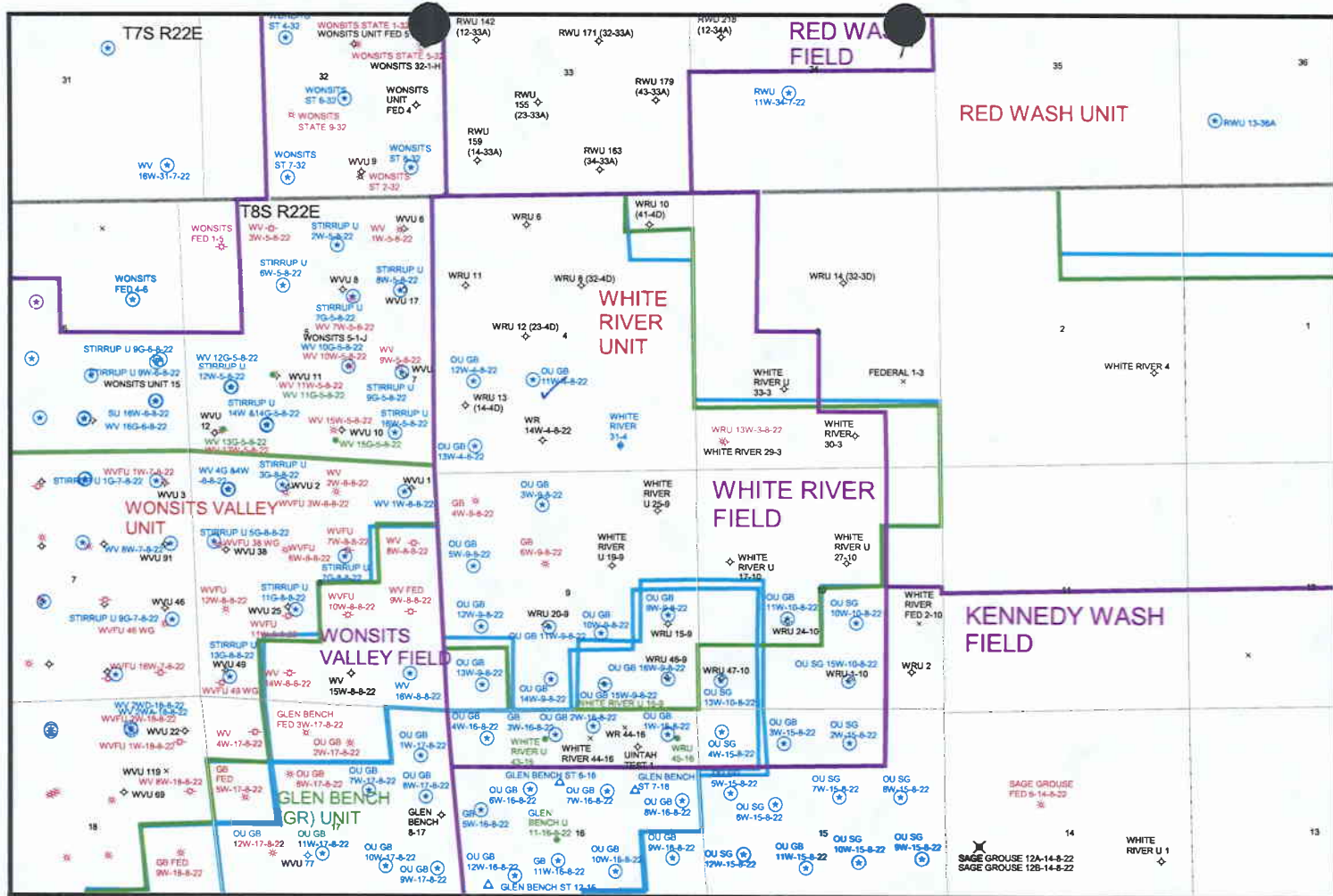
Siting: \_\_\_\_\_

R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approval  
2- Spacing Slip





OPERATOR: SHENANDOAH ENERGY (N4235)

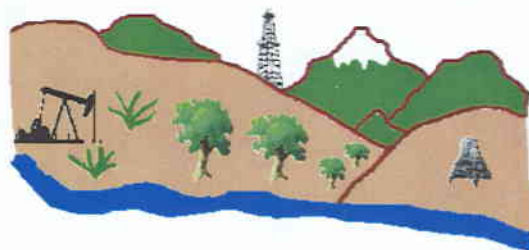
SEC. 4 T8S R22E

FIELD: WHITE RIVER (705)

UNIT: WHITE RIVER

COUNTY: UTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

#### Well Status

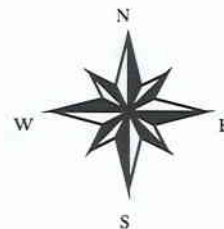
- x GAS INJECTION
- o GAS STORAGE
- x LOCATION ABANDONED
- o NEW LOCATION
- x PLUGGED & ABANDONED
- x PRODUCING GAS
- o PRODUCING OIL
- x SHUT-IN GAS
- x SHUT-IN OIL
- x TEMP. ABANDONED
- o TEST WELL
- x WATER INJECTION
- o WATER SUPPLY
- x WATER DISPOSAL

#### Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERMAL
- PP OIL
- SECONDARY
- TERMINATED

#### Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Section Lines
- Township Lines
- County Boundaries



PREPARED BY: DIANA MASON  
DATE: 28-OCTOBER-2002



002

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

<date>

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2002 Plan of Development White River Unit, Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the White River Unit, Uintah County, Utah.

Api Number	Well	Location
------------	------	----------

(Proposed PZ Wasatch)

43-047-34761 OU GB 11W-4-8-22 Sec. 4 T8S R22E 2023 FSL 2113 FWL		
43-047-34762 OU GB 12W-4-8-22 Sec. 4 T8S R22E 1980 FSL 0827 FWL		

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - White River Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:<date>-<date>-<date>



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

October 29, 2002

Shenandoah Energy Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: Over and Under Glen Bench 11W-4-8-22 Well, 2023' FSL, 2113' FWL, NE SW, Sec. 4,  
T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34761.

Sincerely,

A handwritten signature in cursive script, reading 'John R. Baza'.

John R. Baza  
Associate Director

pb

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Shenandoah Energy Inc.  
Well Name & Number Over and Under Glen Bench 11W-4-8-22  
API Number: 43-047-34761  
Lease: UTU-02510-A

Location: NE SW Sec. 4 T. 8 South R. 22 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801)-538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. UTU02510A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		2. Name of Operator SHENANDOAH ENERGY INC		6. If Indian, Allottee or Tribe Name
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526		3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323		7. If Unit or CA Agreement, Name and No. UTU63021X
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NESW 2023FSL 2113FWL At proposed prod. zone		9. API Well No. 43-047-34761-00-X1		8. Lease Name and Well No. OU GB 11W-4-8-22
14. Distance in miles and direction from nearest town or post office* 10 +/- MILES SOUTHWEST OF REDWASH, UTAH		10. Field and Pool, or Exploratory WHITE RIVER		11. Sec., T., R., M., or Blk. and Survey or Area Sec 4 T8S R22E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2023' +/-		16. No. of Acres in Lease 907.83		12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1000' +/-		19. Proposed Depth 8250 MD 8250 TVD		13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5206 KB		22. Approximate date work will start		17. Spacing Unit dedicated to this well 40.00
		23. Estimated duration 10 DAYS		20. BLM/BIA Bond No. on file UT1237

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |  |
|--|--|
| 1. Well plat certified by a registered surveyor.<br>2. A Drilling Plan.<br>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).<br>5. Operator certification<br>6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|--|

25. Signature (Electronic Submission)	Name (Printed/Typed) JOHN BUSCH	Date 10/24/2002
Title OPERATIONS		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) ED FORSMAN	Date 11/29/2002
Title ACTING AFM FOR MINERAL RESOURCES		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

RECEIVED

Electronic Submission #14924 verified by the BLM Well Information System  
For SHENANDOAH ENERGY INC, sent to the Vernal

NOV 29 2002 Committed to AFMSS for processing by LESLIE WALKER on 10/25/2002 (03LW0216AE)

DIVISION OF  
OIL, GAS AND MINING

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*

**Additional Operator Remarks:**

Shenandoah Energy Inc. proposes to drill a well to 8250' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. UT-1237. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

## Revisions to Operator-Submitted EC Data for APD #14924

### Operator Submitted

Lease: UTU-02510-A  
Agreement: WHITE RIVER  
Operator: SHENANDOAH ENERGY INC.  
11002 E. 17500 S.  
VERNAL, UT 84078  
Ph: 435.781.4341  
Fx: 435.781.4323

Admin Contact: JOHN BUSCH  
OPERATIONS  
11002 E. 17500 S.  
VERNAL, UT 84078  
Ph: 435.781.4341  
Fx: 435.781.4323  
E-Mail: jbusch@shenandoahenergy.com

Tech Contact:

Well Name: OU GB  
Number: 11W-4-8-22  
Location:  
State: UT  
County: Uintah  
S/T/R: Sec 4 T8S R22E Mer SLB  
Surf Loc: NESW 2023FSL 2113FWL

Field/Pool: WHITE RIVER

Bond: UT-1237

### BLM Revised (AFMSS)

UTU02510A  
UTU63021X  
SHENANDOAH ENERGY INC  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078-8526  
Ph: 435.781.4300  
Fx: 435.781.4329

JOHN BUSCH  
OPERATIONS  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078-8526  
Ph: 435.781.4341  
Fx: 435.781.4323  
E-Mail: john.busch@questar.com

OU GB  
11W-4-8-22

UT  
UINTAH  
Sec 4 T8S R22E Mer SLB  
NESW 2023FSL 2113FWL

WHITE RIVER

UT1237

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy, Inc.

Well Name & Number: OU GB #11W-4-8-22

API Number: 43-047-34761

Lease Number: U-02510A

Location: NESW Sec. 4 T. 8S R. 22E

Agreement: White River Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease that would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend 200' above the top of the Green River Formation identified at  $\pm 3148'$ .

Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Other Information

**Please submit an electronic copy of all logs run on this well in LAS format. This submission will supercede the requirement for submittal of paper logs to the BLM.**

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410



**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

The pit shall be lined with plastic. Felt will not be required unless rocks are encountered.

The seed mix for this location shall be Mix 4:

Fourwing saltbush	<i>Atriplex canescens</i>	4 lbs./acre
Indian Ricegrass	<i>Oryzopsis hymenoides</i>	4 lbs./acre
Globemallow (scarlet or munroe)	<i>Sphaeralcea coccinea or munroana</i>	4 lbs./acre

-All poundages are in pure live seed.

-Reseeding may be required if first seeding is not successful.

No construction or drilling activities will occur during the Burrowing Owl reproductive period of April 1 to August 15 unless the wildlife biologist conducts a survey and determines that no owls are within .5 mile of the proposed well.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: White River Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the White River Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under White River Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the White River Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File – White River Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

## OPERATOR CHANGE WORKSHEET

007

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

2/1/2003

FROM: (Old Operator):	TO: ( New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No.

Unit:

WHITE RIVER UNIT

## WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
OU GB 13W-4-8-22	04	080S	220E	4304734752		Federal	GW	APD	C
OU GB 11W-4-8-22	04	080S	220E	4304734761		Federal	GW	APD	C
OU GB 3W-4-8-22	04	080S	220E	4304734806		Federal	GW	APD	C
OU GB 4W-4-8-22	04	080S	220E	4304734807		Federal	GW	APD	C
OU GB 5W-4-8-22	04	080S	220E	4304734808		Federal	GW	APD	C
OU GB 6W-4-8-22	04	080S	220E	4304734809		Federal	GW	APD	C
OU GB 9W-9-8-22	09	080S	220E	4304734650		Federal	GW	APD	C
OU GB 10W-9-8-22	09	080S	220E	4304734651	13730	Federal	GW	P	C
OU GB 12W-9-8-22	09	080S	220E	4304734652	13712	Federal	GW	TA	C
OU GB 11W-9-8-22	09	080S	220E	4304734653		Federal	GW	APD	C
OU GB 16W-9-8-22	09	080S	220E	4304734679	13729	Federal	GW	P	C
OU GB 5W-9-8-22	09	080S	220E	4304734753		Federal	GW	APD	C
OU GB 3W-9-8-22	09	080S	220E	4304734763		Federal	GW	APD	C
OU GB 11W-10-8-22	10	080S	220E	4304734691		Federal	GW	APD	C
OU GB 12W-10-8-22	10	080S	220E	4304734769	13864	Federal	GW	DRL	C
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	DRL	C
WRU EIH 11W-26-8-22	26	080S	220E	4304734836		Federal	GW	APD	C
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	13544	Federal	GW	DRL	C

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 9/11/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/11/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

## SEI (N4235) to QEP (N2460)

well_name	Sec	R	api DOGM	Entity		stat	unit_name
OU GB 9W-9-8-22	09	080S	220E	4304734650		Federal GW APD	C WHITE RIVER
OU GB 10W-9-8-22	09	080S	220E	4304734651	13730	Federal GW P	C WHITE RIVER
OU GB 12W-9-8-22	09	080S	220E	4304734652	13712	Federal GW TA	C WHITE RIVER
OU GB 11W-9-8-22	09	080S	220E	4304734653		Federal GW APD	C WHITE RIVER
OU GB 16W-9-8-22	09	080S	220E	4304734679	13729	Federal GW P	C WHITE RIVER
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	13544	Federal GW DRL	C WHITE RIVER
OU GB 11W-10-8-22	10	080S	220E	4304734691		Federal GW APD	C WHITE RIVER
OU GB 13W-4-8-22	04	080S	220E	4304734752		Federal GW APD	C WHITE RIVER
OU GB 5W-9-8-22	09	080S	220E	4304734753		Federal GW APD	C WHITE RIVER
OU GB 11W-4-8-22	04	080S	220E	4304734761		Federal GW APD	C WHITE RIVER
OU GB 3W-9-8-22	09	080S	220E	4304734763		Federal GW APD	C WHITE RIVER
OU GB 12W-10-8-22	10	080S	220E	4304734769	13864	Federal GW DRL	C WHITE RIVER
OU GB 3W-4-8-22	04	080S	220E	4304734806		Federal GW APD	C WHITE RIVER
OU GB 4W-4-8-22	04	080S	220E	4304734807		Federal GW APD	C WHITE RIVER
OU GB 5W-4-8-22	04	080S	220E	4304734808		Federal GW APD	C WHITE RIVER
OU GB 6W-4-8-22	04	080S	220E	4304734809		Federal GW APD	C WHITE RIVER
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal GW DRL	C WHITE RIVER
WRU EIH 11W-26-8-22	26	080S	220E	4304734836		Federal GW APD	C WHITE RIVER

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

008

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
UTU-02510-A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7. If Unit or CA/Agreement, Name and/or No.  
WHITE RIVER

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

CONFIDENTIAL

8. Well Name and No.  
OU GB 11W-4-8-22

2. Name of Operator

QEP - UINTA BASIN INC

Contact:

RALEEN SEARLE

E-Mail: raleen.searle@questar.com

9. API Well No.

43-047-34761

3a. Address

11002 EAST 17500 SOUTH  
VERNAL, UT 84078

3b. Phone No. (include area code)

Ph: 435.781.4309

Fx: 435.781.4329

10. Field and Pool, or Exploratory  
WHITE RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 4 T8S R22E NESW 2023FSL 2113FWL

11. County or Parish, and State

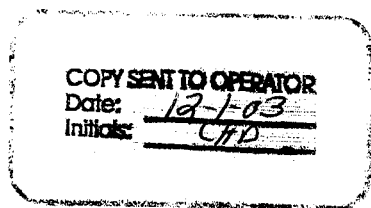
UINTAH COUNTY, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. hereby requests a one year extension on the APD for the OU GB 11W-4-8-22.



Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 11-25-03  
By: [Signature]

RECEIVED  
NOV 25 2003  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #25361 verified by the BLM Well Information System  
For QEP - UINTA BASIN INC, sent to the Vernal

Name (Printed/Typed) RALEEN SEARLE

Title REGULATORY AFFAIRS ANALYST

Signature

[Signature]  
(Electronic Submission)

Date 11/20/2003

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34761  
**Well Name:** OU GB 11W-4-8-22  
**Location:** 2023 FSL, 2113 FWL, NESW, SECTION 4, T8S, R22  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 11/29/2002

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

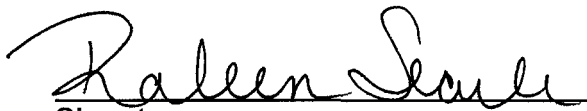
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

11/20/2003

Date

Title: REGULATORY AFFAIRS ANALYST

Representing: QEP UINTA BASIN, INC.

CONFIDENTIAL

FORM 9

009

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-02510A

## SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

UTU63021X

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

OUGB 11W-4-8-22

2. NAME OF OPERATOR:

QEP UINTA BASIN, INC.

9. API NUMBER:

4304734761

3. ADDRESS OF OPERATOR:

11002 E. 17500 S.

CITY VERNAL

STATE UT

ZIP 84078

PHONE NUMBER:

(435) 781-4341

10. FIELD AND POOL, OR WILDCAT:

WHITE RIVER

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2023' FSL 2113' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 4 8S 22E

STATE:

UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>APD EXTENSION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the OUGB 11W-4-8-22.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-30-04By: [Signature]

COPY SENT TO OPERATOR

Date: 9-1-04Initials: CHDNAME (PLEASE PRINT) John BuschTITLE OperationsSIGNATURE John BuschDATE 8/24/2004

(This space for State use only)

RECEIVED

AUG 27 2004

DIV. OF OIL, GAS &amp; MINING





**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34761  
**Well Name:** OUGB 11W-4-8-22  
**Location:** 2023' FSL 2113' FWL NESW SEC 4 T8S R22E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 10/29/2002

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

John Burch  
Signature

8/24/2004  
Date

Title: OPERATIONS

Representing: QEP UINTA BASIN, INC.

**RECEIVED**

**AUG 27 2004**

DIV. OF OIL, GAS & MINING  
DIV. OF OIL, GAS & MINING



## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/utah/vernal>

IN REPLY REFER TO:

3160

UT08300

December 22, 2004

Jan Nelson  
QEP-Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, UT 84078

Re: Notification of Expiration  
Well No. OU GB 11W-4-8-22  
NESW, Sec. 4, T8S, R22E  
Uintah County, Utah  
Lease No. UTU-02510A  
White River Unit

Dear Ms. Nelson:

The Application for Permit to Drill the above-referenced well was approved on November 30, 2002. A one (1) year extension of the original APD was requested. The request was reviewed and the extension approved until November 30, 2004. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Leslie Walker  
Legal Instruments Examiner

cc: UDOGM

RECEIVED

DEC 27 2004

DIV. OF OIL, GAS &amp; MINING



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

MARY ANN WRIGHT  
*Acting Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

January 4, 2005

Jan Nelson  
QEP Uinta Basin Inc.  
11002 East 17500 South  
Vernal, Utah 84078

Re: APD Rescinded – OU GB 11W-4-8-22, Sec. 4, T. 8S, R. 22E  
Uintah County, Utah API No. 43-047-34761

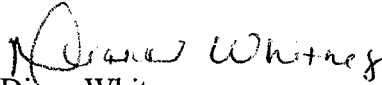
Dear Ms. Nelson:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on October 29, 2002. On November 25, 2003 the Division granted a one-year APD extension. On December 28, 2004, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 28, 2004.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Whitney  
Engineering Technician

cc: Well File  
Bureau of Land Management, Vernal